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Subject: Patent Application No. 10/645,863

Title: SYSTEM OF ANALYZING COMPLEX MIXTURES OF BIOLOGICAL AND OTHER FLUIDS TO IDENTIFY BIOLOGICAL STATE INFORMATION

Date Filed: August 20, 2003

Inventor: Jonathan C. Heller et al.

Attorney Ref: 29191-707.201

From: Suzan Lindstrom for Nicole M. Fortune Phone: (650) 493-9300 Return Fax: (650) 493-6811  
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Please file the attached Amendment and Response to the Office communication mailed April 19, 2005 for the above-referenced patent application.

Ref: 29191-707.201

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2620583.1.DOC (7/98)

PAGE 1/12 \* RCV'D AT 5/16/2005 6:46:28 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/9 \* DNIS:8729306 \* CSID:650 493 6811 \* DURATION (mm:ss):03:50

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PTO/SB/21 (02-04)

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TRANSMITTAL  
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(to be used for all correspondence after initial filing)

		Application Number	10/645,863
		Filing Date	August 20, 2003
		First Named Inventor	Heller et al.
		Art Unit	1631
		Examiner Name	Eric S. DeJong
Total Number of Pages in This Submission	11	Attorney Docket Number	29191-707.201

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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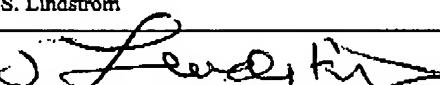
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## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual name	Nicole M. Fortuné, Reg. No. 52,905, WILSON SONSINI GOODRICH & ROSATI		
Signature			
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PATENT  
Attorney Docket No. 29191-707.201

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.	:	10/645,863	Confirmation No. 7685
Applicant	:	Jonathan C. Heller, et al.	
Filed	:	August 20, 2003	
TC/A/U.	:	1631	
Examiner	:	Eric S. DeJong	
Docket No.	:	29191-707.201	
Customer No.	:	021971	

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
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AMENDMENT AND RESPONSE

This paper responds to the Office communication mailed April 19, 2005. Please consider the following amendment and remarks.

Amendments to the Claims are reflected in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 6 of this paper.

Conclusion appears on page 10 of this paper.